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i-m4™

Single Seater Golf Buggy Owners Manual

www.i-motioncaddys.com sales@i-motioncaddys.com

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Introducing the i-m4

Single seater golf and utility vehicle

The i-m4 golf buggy is like any other electrical or mechanical device. Cleaning, care and inspection is a "must" which will result in longer life and extended reliability!

General care and inspection

After every use clean any mud or debris from under the body either with a hand brush or a light air hose.

Use a mild detergent and warm water for the exterior. DO NOT use a high-pressure wash.

Check all bolt and nut connections are tight before use, especially the wheel nuts.

Check tyre pressure and maintain the recommended pressure at all times.

Recharge batteries after every use and check the battery indicator is full before use.

DO NOT allow the battery charger to get wet.

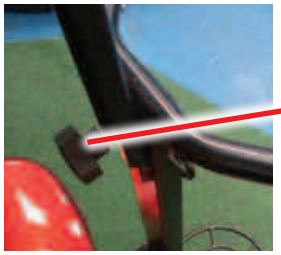
Let the i-m4 add to your golfing experience.

Score Card Holder Assembly

Picture 1

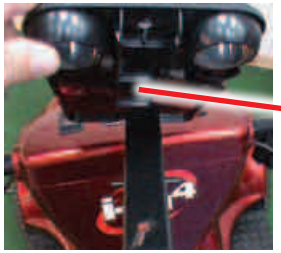
Mount score card holder bracket into sleeve on back of golf bag holder.

Picture 2



Fix using bakelite knob.

Picture 3



Press on score card holder to supprting bracket.

Picture 4

Fix using bakelite knob.

Picture 1.
To access the batteries, release bakelite knob at the rear of the buggy, lift the body and attach the fixed hold up arm.

Golf Bag Holder Assembly

Picture 1

Picture 1
Locate pivot arm into slot provided on fixing angle. Attach to i-m4 and semi-fasten bakelite knob provided.

Picture 2

Picture 2
locate bottom pivot arm into fixing hole provided and semi-tighten bakelite knob provided.

Picture 3

Picture 3
Tighten both top and bottom bakelite knobs for firm fix.
Reverse process to remove.

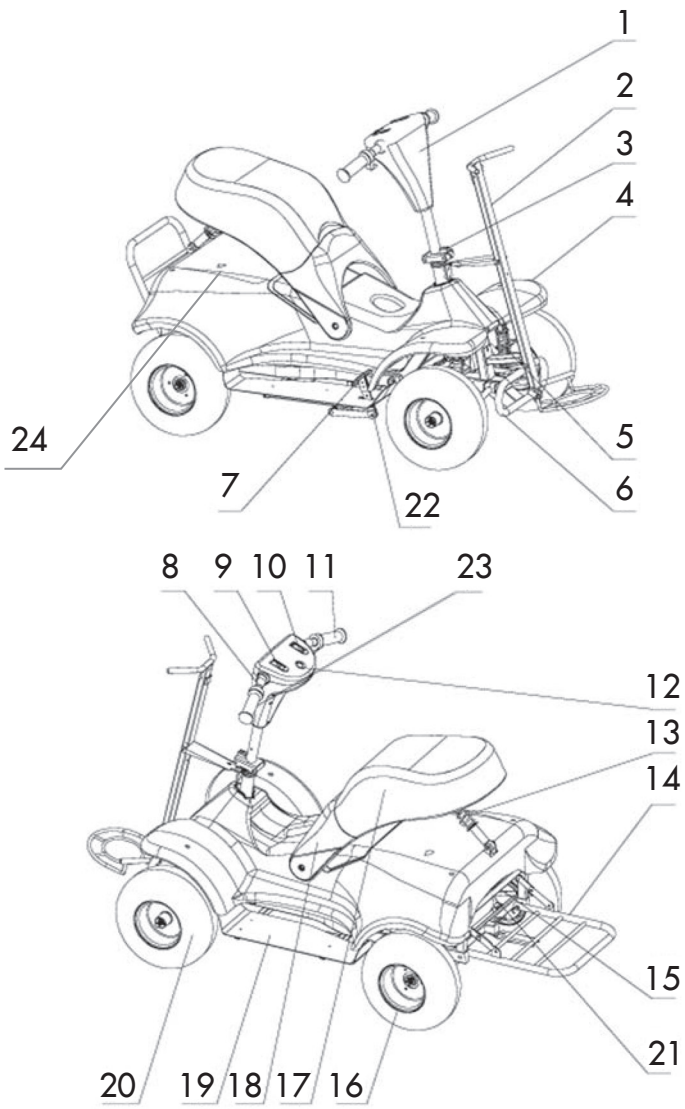
1. Safety Operation

1.1. Safety

Please read the following instructions carefully before using the i-m4 golf buggy.

- **DO NOT** use the throttle handle as a support when mounting the buggy.
- Turn off ignition when not in use.
- Leave buggy in neutral mode when not in use.
- The i-m4 golf buggy is designed to carry one person.
- The buggy is **NOT** road legal.
- Please use the throttle to decrease the speed when turning the buggy.
- Please use the throttle to increase the speed when climbing a hill.
- When driving the buggy take care in crowded areas, wet or slippery surfaces and tight gaps.
- Do not allow others to use the i-m4 buggy without your permission.
- Please do not stand up on the i-m4 buggy when in motion as you may lose your balance.
- Please do not lean side from side to side on the im4.
- Do not drive the i-m4 down hills backwards.
- Try to avoid pot holes or uneven paths.
- Keep the i-m4 buggy in a dry area or under cover when not in use.
- Do not use a mobile phone when driving the buggy.
- Do not get off the buggy until it has come to a complete stand still.
- The direction switch should not be changed when the buggy is moving.
- The Speed switch should not be changed when the buggy is moving.

2. Parts List



7. Quick Release Lever for Handlebar Assembly

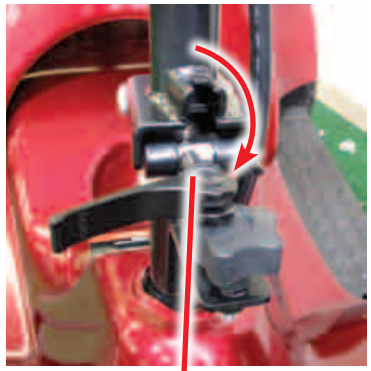
Picture 1

Fully locked lever assembly

Picture 2

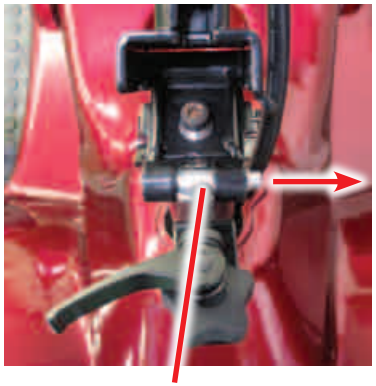
Unlock lever assembly

Picture 3



Fold down lever handle

Picture 4



Lever handle bar release

Picture 1 & 2	Flick lever on handle over to release tension on fixing bolt.
Picture 3 & 4	Pull down lever handle from top fixing bracket. Slide lever to the left, releasing the holding bolt from the top bracket therefore releasing the handlebars to fold down.

5. Inspection and maintenance

Parts	Inspection
Golf buggy	After use clean any mud or debris from under the body either with a hand brush or a light air hose. Only use a mild detergent with warm water for the exterior. DO NOT use a high-pressure jet wash.
Steering system	Ensure all parts are functioning properly.
Accelerator throttle handle	Ensure the buggy moves when the throttle is turned anti-clockwise and it stops when the throttle is released.
Battery power indicator	Ensure the power has enough charge remaining before use.
Seat	Ensure the seat is fixed properly.
Brake pedal	Ensure the brake pedal works freely.
Tyres	Ensure the tyres are in good condition and that they are at the recommended air pressure at all times.
Wheels	Check all nuts and bolts and ensure the wheel nuts are tight and secure.
Batteries	Recharge batteries after every use and check the battery indicator is full before use.
Battery charger	DO NOT allow the battery charger to get wet.

6. Trouble shooting

The buggy won't start	· Check the key is in the on position. · Check the battery power indicator. · Check the batteries are connected properly. · Ensure the buggy is **NOT** in free wheel mode. · Ensure the footbrake is **NOT** engaged.
Battery indicator will not reset after 8 hour charge	· Press the "Reset indicator button" This is situated under the body on the white controller cover
Other	· Contact your supplier · Check charger is working

2.1 Parts list

1) Control panel
2) Golf bag holder
3) Handlebar release pin
4) Body
5) Front suspension
6) Front bumper
7) Foot brake pedal
8) Horn button
9) Battery power indicator
10) Direction switch
11) Accelerator throttle
12) Ignition
13) Seat suspension
14) Rear carry bracket
15) Electromagnetic brake handle (Free wheel lever)
16) Rear tyre
17) Padded seat
18) Seat body assembly
19) Footplate
20) Front tyre
21) Bonnet release catch
22) Micro switch
23) High/low speed switch
24) Slide cap battery charger point

3. Operation

3.1 Operation

- Please remove the charger from the buggy before turning the ignition key on.
- Turn ignition key on.
- Ensure charge indicator is sufficient.
- Press FWD to move forward.
- Press REV to move in reverse.
- Turn throttle anti-clockwise to increase speed.
- Release throttle to slow down or stop.
- Brake pedal is for emergency stop only.
- When the throttle is released the back wheel is locked automatically for parking on inclines or declines.

Motor brake handle

- The electro magnetic brake lever (free wheel lever) can be found under the body attached to the motor.
- Make sure the electro magnetic brake lever is in the vertical position to engage the motor.
- Dis-engage the electro magnetic brake lever to free wheel the vehicle.

Battery discharging Point

- The battery charger socket is located under the seat.
- Ensure the cover is replaced after charging.

Power display

- Running time will change according to ground conditions and terrain.
- FULL CHARGE: LED light/bar is at the top
- MINIMAL CHARGE: LED light/bar is at the bottom

Seat

- The seat height can be adjusted to 3 positions using the bolts at the top end of the suspension spring.
- Seat can have a quick-release system fitted to allow easier seat removal.

Golf bag holder

- The golf bag holder is attached and detached using the lower and upper bakelite knobs at the front of the buggy.

Rear fold down carrier

- To open: Release the bakelite bolt, fold down the rear bracket and tighten the bakelite bolt.
- To close: Release the bakelite bolt, push up the rear bracket and re-tighten the bakelite bolt.

4. Specifications

Item	Parameter
Motor	36V 1200 Watt permanent magnetism
Battery	12V 48AH x 3 / 12V 45AH x 3 / 12V 75AH x 3
Controller	Curtis controller 1227-3402 dc36v / 160A
Accelerate	Hall accelerator continuous variable speed system
Charger	Full automatic efficiency pulse charger 5 Amp or 8 Amp
Dimension	1.27 x 0.82 x 1.05m
Weight (without batteries)	105kg
Carrying capacity	200kg
Maximum speed	13-15km/h
Low speed	4-6km/h
Slope climbing capacity	17 degrees
Brake range	⩽ 4m 3 secs
Turning radius	⩽ 3m
Brake method	Electromagnetic & mechanical brake
Micro switch	Motor protectiory. Power cut off switch
Wheel base	90cm
Minimal ground clearance	11cm
Tyre	32.5cm x 15cm 4 Wheels
Tyre pressure	Front 20 psi and Rear 20 psi

i-m^4 Available accessories

- Mud guards - Front and rear
- Rear basket
- Fold up golf bag holder
- Umbrella holder
- Back seat rest
- Strobe lights
- Front and rear indicator
- Quick release seat system
- Rear golf bag holding bracket
- Front basket assembly
- Waterproof cover
- Scorecard holder
- Sun shade canopy
- Front head lights
- Ramps